

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-Bim (IN) Antibody

ORDERING INFORMATION

Catalog No.: 2414

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chroma-tography.

BACKGROUND

Members in the Bcl-2 family are critical regulators of apoptosis by either inhibiting or promoting cell death. Bcl-2 homology 3 (BH3) domain is a potent death domain, and BH3 domain-containing pro-apoptotic proteins (such as Bad, Bax, Bid, Bik, and Hrk) form a growing subclass of the Bcl-2 family. A novel BH3 domain-containing protein was recently identified and designated Bim or BOD from human, mouse, and rat. Bim/BOD interacts with diverse members in the pro-survival Bcl-2 subfamily including Bcl-2, Bcl-x_L, and Bcl-w. Bim/BOD induces apoptosis. The messenger RNA of Bim is ubiquitously expressed in multiple tissues and cell lines.

SPECIFICATION SUMMARY

Antigen: Peptide corresponding to aa 22-40 of human Bim. The sequence is identical to that of mouse and is different by one amino acid from that of rat.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length Bim (23 kD) of human, mouse, and rat.

APPLICATIONS

Immunoblotting: use at 1:1,000 dilution.

Positive control: Whole cell lysate of human K562 cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.